Patent
241/184 (prev. 6646-114N3)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Ronald A. KATZ

Serial No.: 09/313,120

Filed: May 17, 1999

For: TELEPHONE INTERFACE CALL
       PROCESSING SYSTEM WITH
       CALL SELECTIVITY

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Group Art Unit: 2643

Examiner: S. Woo
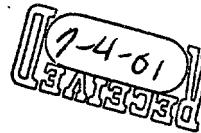
Commissioner for Patents
Washington, D.C. 20231

SECOND SUPPLEMENTAL AMENDMENT

Dear Sir:

Further to the supplemental amendment submitted on June 18, 2001, please further
amend the subject application as indicated below.

IN THE CLAIMS:

Please amend claims 23, 32, and 34 as indicated below in clean form and cancel claim
33, without prejudice. Also, add claims 37-124 as indicated below on the following pages.

23.   (Amended) A process for receiving calls through a telephonic
communication facility from a multitude of terminals in different call modes including a
toll free call mode and an area code call mode and processing the calls in accordance with
respective interface formats for the different call modes, wherein the process involves
digital signals including digital signals provided by the multitude of terminals as for

identification or data, comprising the steps of:

receiving calls in the toll free call mode and providing an interface format associated with the toll free call mode;

providing an identification number to facilitate participation via the toll free call mode;

verifying the participation number for approval;

receiving calls in the area code mode and providing another interface format associated with the area code mode;

providing preliminary automated greetings specific to respective interface formats associated with the toll free call mode and the area code mode, prior to execution of at least certain common operations of the interface formats; and

concurrently processing the verified calls received in the toll free call mode and the calls received in the area code mode in accordance with at least certain common operations of the interface formats associated with the toll free and the area code call modes.

32. (Amended) A process for receiving calls through a communication facility from a multitude of terminals in an 800 call mode for processing data in accordance with an identified one of a plurality of interface formats and involving digital signals including digital signals provided by the multitude of terminals for identification or data, the process comprising the steps of:

receiving calls in the 800 call mode wherein digital signals indicative of at least a first called number (DNIS) identify a first interface format;

receiving calls in the 800 call mode wherein digital signals indicative of a second distinct called number (DNIS) identify a second interface format;

receiving calling number identification signals automatically provided by the communication facility to indicate calling terminal numbers for certain of the multitude of terminals to verify on-line the calls received for at least one of the two distinct called numbers to provide verified calls;

processing calls received in the 800 call mode for the two distinct called numbers in accordance with preliminary operations of the first and second

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interface formats, wherein the preliminary operations comprise:

    providing a distinct automated greeting under control of the digital signals (DNIS) to callers calling at least one of the two distinct called numbers associated with the first and second formats in the 800 call mode; and

    coupling the calls received in the 800 call mode for the two distinct called numbers wherein at least certain calls are verified calls for concurrent processing in accordance with common operations of the first and second interface formats.

5 34. (Amended) A telephone call processing system for receiving calls through a telephonic communication facility from a multitude of terminals in a toll free call mode for processing data in accordance with distinct operating process formats and involving digital signals including called number identification signals (DNIS) automatically provided by the telephonic communication facility, the system comprising:

    first response unit for receiving calls in the toll free call mode wherein the called number identification signals (DNIS) indicative of at least one of a plurality of distinct called numbers identifies one of the operating process formats;

    voice generator means for prompting callers to enter data in response to at least one voice prompt wherein the data entered by the callers is used to update data for the callers in a database relating to the callers;

    verification means for verifying at least the calls utilizing the one of the plurality of distinct called numbers in the toll free call mode received by the first response unit to provide verified calls based upon verifying caller entered identification data including caller personal identification data;

    second response unit means for receiving calls in the toll free call mode wherein called number identification signals (DNIS) indicative of one other of the plurality of distinct called numbers identifies a different one of the operating process formats;

    means for concurrently processing calls received by the first response unit means and the calls received by the second response unit for concurrent processing of data in accordance with at least certain common operations of the

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operating process formats; and

 audio control unit for providing an automated greeting, prior to execution of the certain common operations, under the control of the called number identification signals (DNIS) to callers calling at least one of the distinct called numbers whereby the automated greeting is specific to the one of the plurality of distinct numbers.

33. Cancel, without prejudice.

Please add the following new claims 37-124.

--37. (New) A process according to claim 23, further comprising the step of:
 receiving called number identification signals (DNIS) automatically provided by the telephonic communication facility at least for the calls in the toll free call mode and selecting the respective interface format under control of the called number identification signals (DNIS).--

--38. (New) A process according to claim 27, further comprising the step of:
 testing the identification number to control for previous use under control of the called number identification signals.--

--39. (New) A process according to claim 37, further comprising the step of:
 testing the identification number to control for limited use based on a limited period of time under control of the called number identification signals.--

--40. (New) A process according to 23, further comprising the step of:
 receiving calling number identification data automatically by the telephonic communication facility.--

--41. (New) A process according to claim 40, further comprising the step of:

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controlling certain of the operations of at least one of the formats
under control of at least certain of the calling number identification
signals.--

--42. (New)   A process according to claim 32, further comprising the step of:

receiving caller data provided via the multitude of terminals and wherein
verification of the calls received in the 800 call mode for at least one of the two
distinct called numbers is based upon a test of the caller provided data based upon
limited use.--

--43. (New)   A process according to claim 42, wherein the limited use is a one-
time only use.--

--44. (New)   A process according to claim 42, wherein the caller provided data
includes digital signals indicative of a personal identification number.--

--45. (New)   A process according to claim 42, wherein the limited use limits use
by callers during a single period of time.--

--46. (New)   A process according to claim 42, wherein the caller provided data
includes caller pin-number data, which is subject to limited use.--

--47. (New)   A process according to claim 42, further including memory means
for storing the digital signals.--

--48. (New)   A process according to claim 42, further comprising the step of:

storing the caller provided data or the calling number identification
signals and restricting the extent of access to the identified one of the
plurality of interface formats based on at least one of caller provided data
or calling number identification data.--

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--49. (New)   A process according to claim 32, further comprising the step of:

provicing at least one voice prompt to solicit a response in

the form of data entered interactively by the callers calling one of

the two distinct called numbers associated with the 800 call mode.--

--50. (New)   A process according to claim 49, wherein at least certain of the

data entered interactively is stored.--

--51. (New)   A process according to claim 50, wherein the step of providing at

least one voice prompt is initiated upon receiving calling terminal numbers

associated with at least certain terminals.--

--52. (New)   A process according to claim 32, wherein the calling number

identification signals associated with at least certain terminals are used to access a

data bank relating to calls from the terminals.--

--53. (New)   A process according to claim 52, wherein the data bank is updated

with data relating to the calling number identification signals.--

--54. (Now)   A process according to claim 32, wherein the step of verifying

includes the step of tallying calls placed to at least one called number in the 800

call mode up to a predetermined limit.--

--55. (New)   A process according to claim 32, wherein the caller data provided

is used to update data for the callers in a data bank relating to the callers.--

--56. (New)   A process according to claim 32, wherein the calling number

identification signals are tested based on limited use.--

--57. (New)   A process according to claim 32, wherein at least one of the

plurality of interface formats is an on-line processing format in real-time.--

--58. (New)   A process according to claim 32, wherein the process includes multiple comparative processing operations at least a part of which occur during the common operations.--

--59. (New)   A process according to claim 32, wherein the step of concurrent processing of calls includes the step of processing to isolate a subset of callers.--

--60. (New)   A process according to claim 32, wherein at least one of the plurality of interface formats is an information format.--

--61. (New)   A process according to claim 60, wherein the information format is a financial information format.--

--62. (New)   A process according to claim 61, wherein the financial information format includes provision of data on stocks and bonds.--

--63. (New)   A process according to claim 32, further comprising:

receiving data provided by the caller via the terminals; and

testing the caller provided data against stored data to determine approval for the caller.--

--64. (New)   A process according to claim 63, wherein there is further testing of the caller provided data against a record of previous use.--

--65. (New)   A process according to claim 63, wherein the testing step utilizes a coincidence detector and storage unit.

--66. (New)   A process according to claim 32, wherein both the first and second interface formats for the first and second 800 call modes are financial information formats.--

--67. (New)   A process according to claim 32, further comprising the step of:

    receiving and utilizing caller provided identification data or

utilizing the calling number identifications signals to determine an

appropriate cue for a caller.--

--68. (New)   A process according to claim 67, wherein the appropriate cue for a

caller is determined by avoiding a cue previously provided to a caller.--

--69. (New)   A telephone call processing system according to claim 34, wherein

the verification means verifies the calls in the toll free call mode based upon a test

of caller entered identification data based upon limited use.--

--70. (New)   A telephone call processing system according to claim 69, wherein

the limited use is a one-time only use.--

--71. (New)   A telephone call processing system according to claim 69, wherein

the limited use limits use by callers during a single period of time.--

--72. (New)   A telephone call processing system according to claim 34, wherein

the caller pin-number data is subject to limited use.--

--73. (New)   A telephone call processing system according to claim 34, wherein

digital signals representing calling terminal numbers associated with at least

certain terminals are automatically provided by the telephonic communication

facility.--

--74. (New)   A telephone call processing system according to claim 73, further

including memory means for storing the digital signals.--

--75. (New)   A telephone call processing system according to claim 73, wherein

the verification means tests the digital signals representing calling terminal numbers associated with at least certain of the multitude of terminals that are automatically provided from the telephonic communication facility.--

--76. (New)   A telephone call processing system according to claim 34, further including memory means for storing data and control means for restricting the extent of access to a select operating process format based on at least one of caller entered data or calling terminal data automatically provided by the telephonic communication facility.--

--77. (New)   A telephone call processing system according to claim 34, wherein the voice generator means prompts responses to at least one voice prompt in the form of data interactively provided by the callers calling at least one of the distinct called numbers.--

--78. (New)   A telephone call processing system according to claim 77, wherein at least one of the responses is stored.--

--79. (New)   A telephone call processing system according to claim 77, wherein the voice generator means prompts responses to at least one question upon receiving calling terminal numbers associated with the multitude of terminals that are automatically provided by the telephonic communication facility.--

--80. (New)   A telephone call processing system according to claim 34, wherein digital signals representing calling terminal numbers associated with at least certain terminals are automatically provided by the telephonic communication facility and are used to access a data bank relating to calls from the terminals.--

--81. (New)   A telephone call processing system according to claim 80, wherein the data bank is updated with data relating to the calling terminal numbers.--

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--82. (New)   A telephone call processing system according to claim 34, wherein the verification means tallies calls placed to at least one of the toll free call mode distinct numbers up to a predetermined limit.--

--83. (New)   A telephone call processing system according to claim 34, wherein the data entered by the callers is used to update data for the callers in a data bank relating to the callers.--

--84. (New)   A telephone call processing system according to claim 34, wherein at least one of the distinct operating process formats is an on-line processing format in real-time.--

--85. (New)   A telephone call processing system according to claim 34, wherein the means for concurrently processing calls utilizes at least certain of multiple comparative processing operations as part of the common operations.--

--86. (New)   A telephone call processing system according to claim 34, wherein the means for concurrently processing calls, isolates a subset of callers.--

--87. (New)   A telephone call processing system according to claim 34, wherein at least one of the distinct operating process formats is a form of financial information format.--

--88. (New)   A telephone call processing system according to claim 87, wherein the financial information format includes provision of data on stocks and bonds.

--89. (New)   A system according to claim 34, wherein the verification means tests the digital signals representing calling number identification signals associated with at least certain of the multitude of terminals for limited use.--

--90. (New)   A system according to claim 89, wherein the caller entered data is

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tested against stored data for approval.--

--91. (New)   A system according to claim 89, wherein there is testing of the caller entered data against a record of previous use.--

--92. (New)   A system according to claim 91, wherein the testing utilizes a co-incidence detector and storage unit.--

--93. (New)   A system according to claim 34, wherein both the interface operating formats for the first response unit and the second response unit are financial information formats.--

--94. (New)   A system according to claim 34, wherein the means for concurrently processing together with the voice generator means utilizes caller entered identification data or calling number identifications signals to determine an appropriate cue for a caller.--

--95. (New)   A system according to claim 94, wherein the appropriate cue is determined to avoid a cue previously provided to a caller.--

--96. (New)   A system according to claim 34, further comprising:
           a third response unit for receiving calls in an area code mode.--

--97. (New)   A process for receiving calls through a communication facility from a multitude of terminals in an 800 call mode for processing data in accordance with an identified one of a plurality of interface formats and involving digital signals including digital signals provided by the multitude of terminals for identification or data, the process comprising the steps of:
           receiving calls in the 800 call mode wherein digital signals
           indicative of at least a first called number (DNIS) identify a first interface
           format;

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receiving calls in the 800 call mode wherein digital signals indicative of a second distinct called number (DNIS) identify a second interface format;

processing calls received in the 800 call mode for the two distinct called numbers in accordance with preliminary operations of the first and second interface formats, wherein the preliminary operations comprise at least the step of:

providing a distinct automated greeting or voice prompt to callers calling at least one of the two distinct called numbers associated with the first and second formats in the 800 call mode;

receiving caller provided data entered by the callers and testing the caller entered data to verify on-line the calls received for at least one of the two distinct called numbers to provide verified calls; and

coupling the calls received in the 800 call mode for the two distinct called numbers wherein at least certain calls are verified calls for concurrent processing in accordance with at least certain common operations of the first and second interface formats.

--98. (New)   A process according to claim 97, further comprising the step of:

receiving caller data provided via the terminals and wherein verification of the calls received in the 800 call mode for at least one of the two distinct called numbers is based upon a test of the caller provided data based upon limited use.--

--99. (New)   A process according to claim 98, wherein the limited use is a one-time only use.--

--100. (New)   A process according to claim 98, wherein the caller provided data includes digital signals indicative a personal identification number.-

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--101. (New)   A process according to claim 98, wherein the limited use limits use by callers during a single period of time.--

--102. (New)   A process according to claim 98, wherein the caller provided data includes caller pin-number data, which is subject to limited use.--

--103. (New)   A process according to claim 97, further comprising the step of:

receiving digital signals representing calling number identification signals associated with at least certain terminals that are tested.--

--104. (New)   A process according to claim 103, further comprising the step of:

storing the caller provided data or the calling number identification signals and restricting the extent of access to at least one of the first or second formats based on at least one of caller provided data or calling number identification data.--

--105. (New)   A process according to claim 97, further comprising the step of:

providing at least one voice prompt to solicit a response in the form of data entered interactively by the callers calling at least one of the two distinct called numbers associated with the 800 call mode.--

--106. (New)   A process according to claim 105, wherein at least certain of the data entered interactively is stored.--

--107. (New)   A process according to claim 105, wherein the step of providing at least one voice prompt is initiated upon receiving calling terminal numbers associated with at least certain terminals.--

--108. (New)   A process according to claim 97, wherein calling number identification signals associated with certain terminals are received and used to

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access a data bank relating to calls from the certain terminals.--

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--~~109~~. (New)   A process according to claim ~~108~~ 94, wherein the data bank is updated with data relating to the calling number identification signals.--

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--~~110~~. (New)   A process according to claim ~~97~~ 80, wherein the testing step includes the step of tallying calls placed to at least one number of the toll free call mode up to a predetermined limit.--

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--~~111~~. (New)   A process according to claim ~~97~~ 80, wherein the caller provided data is used to update data for the callers in a data bank relating to the callers.--

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--~~112~~. (New)   A process according to claim ~~97~~ 80, wherein the calling number identification signals are tested based on limited use.--

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--~~113~~. (New)   A process according to claim ~~97~~ 80, wherein at least one of the plurality of interface formats is an on-line processing format in real-time.--

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--~~114~~. (New)   A process according to claim ~~97~~ 80, wherein the process includes multiple comparative processing operations at least a part of which occur during the common operations.--

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--~~115~~. (New)   A process according to claim ~~97~~ 80, wherein the step of concurrent further processing of calls includes the step of processing to isolate a subset of callers.--

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--~~116~~. (New)   A process according to claim ~~104~~ 87, wherein at least one of the plurality of interface formats is an information format.--

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--~~117~~. (New)   A process according to claim ~~116~~ 88, wherein the information format is a financial information format.--

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--118. (New)   A process according to claim 117, wherein the financial information format includes provision of data on stocks and bonds.--

--119. (New)   A process according to claim 97, wherein the caller provided data is tested against stored data to determine approval for a caller.--

--120. (New)   A process according to claim 119, wherein there is testing of the caller provided data against a record of previous use.--

--121. (New)   A process according to claim 119, wherein the testing step utilizes a coincidence detector and storage unit.

--122. (New)   A process according to claim 97, wherein both the first and second interface formats for the first and second 800 call modes are financial information formats.--

--123. (New)   A process according to claim 97, further comprising the step of:
              utilizing caller entered identification data or calling number
       identifications signals to determine an appropriate cue for a caller.--

--124. (New)   A process according to claim 123, wherein the appropriate cue for a caller is determined by avoiding a cue previously provided to a caller.--

Marked Version of the Amended Claims Relative to the Previous Version:

The changes to claims 23, 32, and 34 are shown below by brackets (for deleted matter) or underlining (for added matter).

23.   (Amended) A process for receiving calls through a telephonic communication facility from a multitude of terminals in different call modes including a toll free call mode and an area code call mode and processing the calls in accordance with

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respective interface formats for the different call modes, wherein the process involves digital signals including digital signals provided by the multitude of terminals as for identification or data, comprising the steps of:

receiving calls in the toll free call mode and providing an interface format associated with the toll free call mode;

providing an identification number to facilitate participation via the toll free call mode;

verifying the participation number for approval;

receiving calls in the area code mode and providing another interface format associated with the area code mode;

providing preliminary automated greetings specific to respective interface formats associated with the toll free call mode and the area code mode, prior to execution of at least certain common operations of the interface formats; and

concurrently processing the verified calls received in the toll free call mode and the calls received in the area code mode in accordance with at least certain common operations of the interface formats associated with the toll free and the area code call modes [; and

providing preliminary automated greetings specific to respective interface formats associated with the toll free call mode and the area code mode, prior to execution of the common operations of the interface formats].

32.   (Amended) A process for receiving calls through a communication facility from a multitude of terminals in [at least two different] an 800 call [modes] mode [including a first 800 call mode and a second 800 call mode] for processing data in accordance with an identified one of a plurality of [to respective interactive] interface formats [for the two 800 call modes] and involving digital signals including digital signals provided by the multitude of terminals [as] for identification or data, the process comprising the steps of:

receiving calls in the [first] 800 call mode wherein digital signals indicative of at least a first called number (DNIS) identify a first interface format [and providing an interface format associated with it];

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receiving calls in the [second] 800 call mode <u>wherein digital signals indicative of a second distinct called number (DNIS) identify a second interface format</u> [and providing an interface format associated with it];

receiving [and verifying either caller provided data or] calling number identification signals automatically provided by the communication facility to indicate calling [terminals] <u>terminal</u> numbers for certain of the multitude of terminals to [qualify] <u>verify</u> on-line the calls received [in] <u>for</u> at least one <u>of the two distinct called numbers</u> [of the two 800 call modes] to provide verified calls;

[means for concurrently] processing calls received in [both the first and] the [second] 800 call [modes] <u>mode for the two distinct called numbers in accordance with</u> [to] preliminary operations of the <u>first and second</u> [respective interactive] interface formats [call modes],<u>wherein the preliminary operations comprise:</u>

<u>providing a distinct automated greeting under control of the digital signals (DNIS) to callers calling at least one of the two distinct called numbers associated with the first and second formats in the 800 call mode; and</u>

[means for] coupling the calls received in the [first] 800 call mode <u>for the two distinct called numbers</u> [and] <u>wherein at least certain calls are</u> verified calls [received in the second call mode] for concurrent processing in accordance with common operations of the first and second [respective interactive] interface formats [; and

an audio control unit for providing different automated greetings to callers calling either in the caller charge call mode or the area code mode].

34. (Amended) A telephone call processing system for receiving calls through a telephonic communication facility from a multitude of terminals in a toll free call mode for processing data in accordance with distinct operating process formats and involving digital signals including called number identification signals (DNIS) automatically provided by the telephonic communication facility, the system comprising:

first response unit for receiving calls in the toll free call mode wherein the

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called number identification signals (DNIS) indicative of at least one of a plurality of distinct called numbers identifies one of the operating process formats;

voice generator means for prompting callers to enter data in response to at least one voice [prompts] prompt wherein the data entered by the callers is used to update data for the callers in a database relating to the callers;

verification means for verifying at least the calls utilizing the one of the plurality of distinct called numbers in the toll free call mode received by the first response unit to provide verified calls based upon verifying caller entered identification data including caller [pin-number] personal identification data;

second response unit means for receiving calls in the toll free call mode wherein called number identification signals (DNIS) indicative of one other of the plurality of distinct called numbers identifies a different one of the operating process formats;

means for concurrently processing calls received by the first response unit means and the calls received by the second response unit for concurrent processing of data in accordance with at least certain common operations of the operating process [format] formats; and

audio control unit for providing an automated greeting, prior to execution of the certain common operations, under the control of the called number identification signals (DNIS) to callers calling at least one of the distinct called numbers whereby the automated greeting is specific to the one of the plurality of distinct numbers.

REMARKS

Further to the amendment and response submitted on May 23, 2001 and the supplemental amendment submitted on June 18, 2001, Applicant is submitting this second supplemental amendment to further refine claims 23, 32, and 34 and submit news claims for the Examiner to consider. All the independent claims are directed to claim combinations including the feature of receiving calls for distinct called numbers and coupling them for common operations. Such

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combinations were deemed allowable in Applicant's parent issued patents. The present claims have some variations from those that have issued before.

Favorable consideration and allowance of the claims pending here is respectfully requested.

Respectfully submitted,
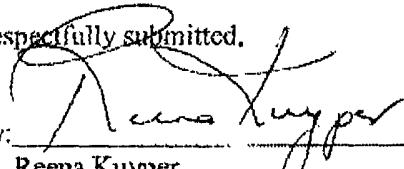
Dated: _July 4, 2001_   By: _Reena Kuyper_
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      FROM: Reena Kuyper, Reg. No. 33,830

      RE: Serial No. 09/313,120

CONTACT: Reena Kuyper IF ALL PAGES ARE NOT RECEIVED (310) 889-9926

NOTES:

Please deliver immediately to Primary Examiner Stella Woo.

OFFICIAL FILING VIA FACSIMILE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)
)   **Group Art Unit: 2643**

Ronald A. KATZ   )
)   **Examiner:** Woo, S.

Serial No.: 09/313,120   )
)

Filed: May 17, 1999   )
)

For: TELEPHONE-INTERFACE CALL   )
       PROCESSING SYSTEM WITH   )
       CALL SELECTIVITY   )

AMENDMENT TRANSMITTAL

Box Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is a Second Supplemental Amendment for the above-identified

application.

☐   **"Small Entity Status"** of this application under 37 CFR §§ 1.9 and 1.27 has been
established by a Verified Statement previously submitted.

☐   A Verified Statement to establish **"Small Entity Status"** under 37 CFR §§ 1.9 and
1.27 is enclosed.

☐   Applicant(s) petitions for an extension of time under 37 CFR § 1.136 [fees: 37 CFR
§ 1.17(a)(1)-(4)] for the total number of months checked below:

CERTIFICATE OF TRANSMISSION

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via
facsimile ((703) 308-6296) on the date shown below to the Commissioner for Patents, Washington, D.C. 20231.

July 4, 2001
Date of Transmission

Reena Kuyper
Reena Kuyper, Reg. No. 33,830

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EXTENSION (months)	FEE FOR SMALL ENTITY		FEE FOR OTHER THAN SMALL ENTITY	
1 month	☐	$55.00	☐	$110.00
2 months	☐	$195.00	☐	$390.00
3 months	☐	$445.00	☐	$890.00
4 months	☐	$695.00	☐	$1,390.00

☐ An extension for _____ months has already been secured and the fee paid therefor of _____ is deducted from the total fee due for the total months of extension now requested.

☐ Extension fee due with this Request _____.

☒ **NO ADDITIONAL EXTENSION FEE IS REQUIRED.**

FEES FOR CLAIMS:

The fees for claims (37 CFR § 1.16(b)-(d)) have been calculated as shown below:

Total Claims	105	19	20	=	85	X	$18.00	$1,530.00
Independent Claims	8	7-	3	−	1	X	$80.00	$80.00
Multiple Dependent Claims	$260	(if applicable)				☐		$0.00
TOTAL OF ABOVE CALCULATIONS								$1,610.00
Reduction by ½ for Filing by Small Entity. Note 37 CFR §§ 1.9, 1.27, 1.28. If applicable, Verified Statement must be attached.						☐		$0.00
TOTAL FEES FOR CLAIMS SUBMITTED HEREWITH								$1,610.00

☐ A check in the amount of _____ is enclosed to cover the above fee(s).

☒ Charge Deposit Account No. **50-1636** in the amount of **$1,610.00.**

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☒   The Commissioner is authorized to charge Applicant's Deposit Account No. **50-1636**
for any fees required under 37 CFR §§ 1.16, 1.17 and 1.445 that are not covered, in
whole or in part, by a check enclosed herewith and to credit any overpayments to said
Deposit Account **50-1636.**

Respectfully submitted,

Dated: _July 4, 2001_

By: _____
Reena Kuyper
Registration No. 33,830

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Los Angeles, California 90069
(310) 247-2860
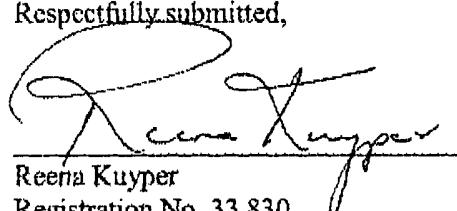
4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	)
	) **Group Art Unit:** 2643
Ronald A. KATZ	)
	) **Examiner:** Woo, S.
Serial No.: 09/313,120	)
	)
Filed: May 17, 1999	)
	)
For: TELEPHONE INTERFACE CALL	)
PROCESSING SYSTEM WITH	)
CALL SELECTIVITY	)
	)

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SEP 2 7 2001

Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231

LETTER

Dear Sir:

 In anticipation that this application will ultimately issue, Applicant requests the United States Patent and Trademark Office to ensure that the face of the patent reflects the accurate chain of priority in the interest of the public. In a communication with the U.S. Patent and Trademark Office (amendment filed April 28, 2000, copy attached, see *Exhibit A*), Applicant pointed to errors in the Official Filing receipt issued for this application. Another filing receipt noting the correction was received but it still contains errors.

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this document (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C., 20231.

Date: 7/3/01   Sent by: Kelly Walsh   Signature: Kelly Walsh

Please insert the following text in the chain of priority after *"Which is a CIP of 06/753,299 07/10/1985 ABN,"* as indicated, by handwriting, on the attached copy of the Official Filing Receipt (see *Exhibit B*):

"Said 08/132,062 10/04/1993 PAT 5,828,734
Is a CIP of 08/306,751 09/14/1994
Which is a CON of 08/047,241 04/13/1993 PAT 5,351,285
Which is a CON of 07/509,691 04/16/1990 ABN.
And a CIP of 07/640,337 01/11/1991 ABN
Which is a CON of 07/335,923 04/10/1989 PAT 6,016,344
Which is a CON of 07/194,258 05/16/1988 PAT 4,845,739
Which is a CIP of 07/018,244 02/24/1987 PAT 4,792,968
Which is a CIP of 06/753,299 07/10/1985 ABN.
Said 07/509,691 04/16/1990 ABN
Is a CIP of 07/260,104 10/20/1988 PAT 4,930,150
Which is a CIP of 07/018,244 02/24/1987 PAT 4,792,968
Which is a CIP of 06/753,299 07/10/1985 ABN.
Said 08/132,062 10/04/1993 PAT 5,828,734
Is a CIP of 07/335,923 04/10/1989 PAT 6,016,344
Which is a CON of 07/194,258 05/16/1988 PAT 4,845,739
Which is a CIP of 07/018,244 02/24/1987 PAT 4,792,968
Which is a CIP of 06/753,299 07/10/1985 ABN."

Applicant respectfully requests that this correction should be noted in the file and reflected on the face of the patent that will ultimately issue.

Respectfully submitted,
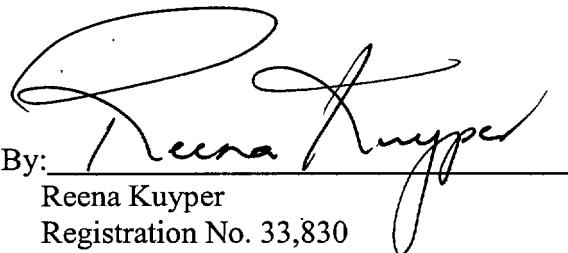
Dated: July 3, 2001

By: Reena Kuyper
Reena Kuyper
Registration No. 33,830

9220 Sunset Blvd., Suite 315
Los Angeles, CA 90069
(310) 247-8191

EXHIBIT A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	)
	) **Group Art Unit: 2743**
Ronald A. KATZ	)
	) **Examiner:** S. Woo
Serial No.: 09/313,120	)
	)
Filed: May 17, 1999	) Office Action mailed:
	)
For: TELEPHONE INTERFACE CALL	) October 28, 1999
PROCESSING SYSTEM WITH	)
CALL SELECTIVITY	)

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Technology Center 2600

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated October 28, 1999, please amend the above-identified patent application as follows:

IN THE CLAIMS:

Please amend claims 17, 19, 20, and 21 as follows.

17.   (Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in an interface format wherein callers are cued by voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said

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CERTIFICATE OF MAILING UNDER 37 CFR 1.8

LA-126426.1

system having digital signals indicative of DNIS, said <u>telephone call processing</u> system comprising:

means for selectively receiving calls from said multitude of terminals to establish telephone communication with a select subset of callers utilizing calling number identification signals automatically provided by [a] <u>the</u> telephone <u>communication</u> facility, said interface format selected by said digital signals indicative of DNIS;

means for providing identification signals for said callers of said select subset;

means for individually cuing said callers of said select subset to provide digital signals for processing to isolate a sub-subset of said callers; and

means for storing identification signals for said callers of said sub-subset.

19.   (Amended) A telephone call processing system for receiving calls <u>through a telephone communication facility</u> from a multitude of terminals for processing in an interface format wherein callers are cued by voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said <u>telephone call processing</u> system comprising:

means for receiving calls from said multitude of terminals and establishing telephone communication to select a subset of callers based upon online responses provided by said select subset of callers to questions, said means for receiving calls utilizing automatic number identification signals associated with a calling terminal automatically provided by [a] <u>the</u> telephone <u>communication</u> facility;

means for providing identification signals for said callers of said select subset; and

means for processing data relating to said callers of said select subset to isolate a sub-subset of said callers.

21.   (Amended) A telephone call processing system for receiving calls <u>through a telephone communication facility</u> from a multitude of terminals for processing in an interface format wherein callers are cued by synthesized voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, <u>said telephone call processing</u> system comprising:

means for selectively receiving calls from said multitude of terminals to establish telephone communication with a select subset of callers, said means for selectively receiving calls comprising means for receiving calls in a plurality of call modes including a toll free calling mode and a caller charge calling mode;

means for providing identification signals for said callers of said select subset;

means for individually cueing said callers of said select subset to prompt digital signals for processing to isolate a sub-subset of said callers; and

means for storing identification signals for said callers of said sub-subset.

22. (Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in an interface format wherein callers are cued by synthesized voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said telephone call processing system comprising:

means for receiving calls from said multitude of terminals and establishing telephone communication to select a subset of callers based upon online responses provided by said select subset of callers to questions, said means for receiving calls comprising means for receiving calls in a plurality of call modes including an "800" toll free calling mode and a caller charge calling mode;

means for providing identification signals for said callers of said select subset; and

means for processing data relating to said callers of said select subset to isolate a sub-subset of said callers.

REMARKS

This Amendment is in response to the office action dated October 28, 1999. Claims 17-22 are currently pending. By this amendment, claims 17, 19, 21, and 22 are amended to further clarify them.

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Applicant notes that the official filing receipt sent by the U.S. Patent and Trademark Office does not indicate with accuracy the chain of applications from which the present application claims priority. The missing portions are indicated on the attached copy of the official filing receipt. Applicant respectfully requests that the official filing receipt is updated to reflect the chain of priority with accuracy.

In paragraphs 1 and 2 of the office action, the Examiner rejected claims 17-22 under the judicially created doctrine of double patenting over claim 23 of U.S. Patent No. 5,128,984. Applicant is submitting with this response, a terminal disclaimer to obviate the double patenting rejection with respect to U.S. Patent No. 5,128,984.

In paragraphs 3 and 4 of the office action, the Examiner rejected claims 19-22 under 35 U.S.C. Section 102(e) as being anticipated by Entenmann (U.S. Patent No. 4,996,705 to Entenmann et al.). Claim 19 requires (1) a "*means for receiving calls utilizing automatic number identification signals associated with a calling terminal automatically provided by a telephone facility*" and a (2) "*means for providing identification signals for said callers of said select subset.*" The Examiner relies on ANI disclosed in Entenmann to satisfy these separate requirements recited by claim 19. Indeed, if anything, the disclosure in Entenmann of "*ANI signals supplied by the local switching system*" could not possibly satisfy the requirement in the claim for a "*means for providing identification signals for said select subset*" because the local switching system is typically a part of the telephone communication facility and not a part of the claimed telephone call processing system. Accordingly, Applicant continues to urge that both claims 19 and 20 (depends on 19) are distinct from Entenmann.

With respect to claims 21-22, the Examiner points to column 2, lines 47-62, in Entenmann and takes the position that Entenmann provides for a plurality of different lotteries including a "*customer paid lottery*" or a "*sponsor paid lottery.*" The Examiner's attention is respectfully directed to Figure 2 in Entenmann. It indicates that the customer calls the lottery system (block 50) and the sponsor calls the customer (80) and not the lottery system. The call by the customer (an outbound call from the customer to the lottery system) involves entirely different operations from the call to the customer (an inbound call to the customer). Applicant respectfully notes that both claims 21 and 22 require receiving calls from callers at a multitude of terminals (therefore calls placed by callers or outbound calls from the callers) in an "*800*" toll free calling mode and a "*caller charge*" calling mode. Moreover, Entenmann does not explicitly

mention either of these two types of calling modes. If it is assumed for purposes of argument that the "*800*" toll free calling mode is satisfied by Entenmanns' "*sponsor paid lottery*," the fact that a sponsor places the call to the customer cannot be ignored. Applicant respectfully submits that both claims 21 and 22 are distinct from Entenmann and requests the Examiner to withdraw her rejection of those claims.

In paragraph 6 of the office action, the Examiner rejected claims 17-18 under 35 U.S.C. Section 103(a) as being unpatentable over Entenmann in view of Hester. The Examiner relies on Hester for a teaching of DNIS, and contends that it would have been obvious to one of ordinary skill to incorporate DNIS within Entenmanns' lottery system in order to automatically identify the selected lottery format from a plurality of lottery formats. Entenmann is distinct from Applicant's claims for the reasons urged above. Again, claim 17 requires (1) a "*means for selectively receiving calls from said multitude of terminals to establish telephone communication with a select submit callers utilizing calling number identification signals automatically provided by a telephone facility*" and (2) a "*means for providing identification signals for said callers of said select subset.*" The Examiner contends that Entenmanns' ANI satisfies these separate requirements recited by claim 17. Indeed, if anything, the disclosure in Entenmann of "*ANI signals supplied by the local switching system*" could not possibly satisfy the requirement in the claim for a "*means for providing identification signals for said select subset*" because the local switching system is typically a part of the telephone facility and not a part of the claimed telephone call processing system.

In addition, Entenmann discloses a customer paid lottery or a sponsor paid lottery. The Examiner's attention is respectfully directed to Figure 2 of Entenmann. It indicates that the customer calls the lottery system (block 50) and the sponsor calls the customer (80) and not the lottery system. The call by the customer (an outbound call) involves entirely different operations from the call to the customer (an inbound call). Applicant submits that use of DNIS with calls from a sponsor to a customer would not appear to be practical. Accordingly, Applicant respectfully submits that a combination of Entenmann with Hester would not render present claims 17 and 18 (depends on 17) obvious. Applicant respectfully request the Examiner to withdraw her rejection of these claims.

Favorable consideration and allowance of all the pending claims is respectfully requested.

Respectfully submitted,

LYON & LYON, LLP

Dated: April 28, 2000

By:_____

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EXHIBIT B
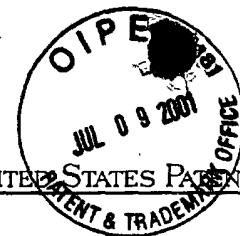
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UNITED STATES PATENT AND TRADEMARK OFFICE

Technology Center 2600

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/313,120	05/17/1999	2743	840	241/184	2	1	1

CONFIRMATION NO. 3474

CORRECTED RECEIPT

OC000000006026934

RONALD A. KATZ TECHNOLOGY LICENSING, L.P.
9220 Sunset Blvd., Suite 315
Los Angeles, CA 90069-3605

Date Mailed: 05/01/2001

Receipt is acknowledged of a CPA in this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

RONALD A. KATZ, LOS ANGELES, CA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF 08/480,185 06/07/1995 PAT 5,974,120
WHICH IS A CON OF 08/132,062 10/04/1993 PAT 5,828,734
WHICH IS A CON OF 07/779,762 10/21/1991 PAT 5,251,252
WHICH IS A CON OF 07/425,779 10/23/1989 PAT 5,128,984
WHICH IS A CIP OF 07/312,792 02/21/1989 PAT 5,073,929
WHICH IS A CIP OF 07/194,258 05/16/1988 PAT 4,845,739
WHICH IS A CIP OF 07/018,244 02/24/1987 PAT 4,792,968
WHICH IS A CIP OF 06/753,299 07/10/1985 ABN

Foreign Applications

If Required, Foreign Filing License Granted 06/09/1999

CPA filed on: 12/18/2000

Projected Publication Date: 08/09/2001

Non-Publication Request: No

Early Publication Request: No

(handwritten annotations:)
SAID 08/132,062 10/04/93 PAT 5,828,734
IS A CIP OF 08/306,751 09/14/94
WHICH IS A CON OF 08/047,241 04/13/93 PAT 5,351,285
WHICH IS A CON OF 07/509,691 04/16/90 ABN
AND A CIP OF 07/640,337 01/11/91 ABN
WHICH IS A CON OF 07/335,923 04/10/89 PAT 6,016,344
WHICH IS A CON OF 07/194,258 05/16/88 PAT 4,845,739
WHICH IS A CIP OF 07/018,244 02/24/87 PAT 4,792,968
SAID 07/509,691 04/16/90 ABN
IS A CIP OF 07/260,104 PAT 4,930,150
WHICH IS A CIP OF 07/018,244
WHICH IS A CIP OF 06/753,299 02/24/87 PAT 4,792,968
SAID 08/132,062 10/04/93 07/10/85 ABN
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WHICH IS A CIP OF 06/753,299 02/24/87 PAT 4,792,968
07/10/85 ABN